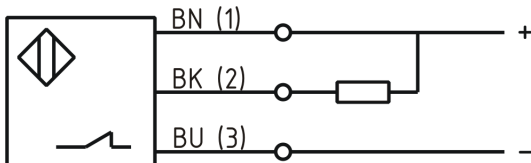


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| Product Description        |                                                                                             | inductive sensor DC |  |
|----------------------------|---------------------------------------------------------------------------------------------|---------------------|--|
| Name                       | KJ3-M8EB60-DNÖ-V1                                                                           |                     |  |
| Order number               | 08317815564                                                                                 |                     |  |
| Matchcode                  | 9981-5000                                                                                   |                     |  |
| Switching distance         | 3 mm                                                                                        |                     |  |
| Mounting                   |  shielded  |                     |  |
| Switch type                |  N.C.      |                     |  |
| Signal Type                | DC NPN                                                                                      |                     |  |
| Connection                 |  Connector |                     |  |
| Connection diagramm        |           |                     |  |
| Dimension (in mm)          | fine-pitch thread M8 x 60                                                                   |                     |  |
| Technical Specification    |                                                                                             |                     |  |
| Operating voltage          | 10 - 30 VDC                                                                                 |                     |  |
| Max. ripple                | ≤ 10 %                                                                                      |                     |  |
| Voltage drop               | 1 V                                                                                         |                     |  |
| Max. load current          | 200 mA                                                                                      |                     |  |
| No load current            | ≤ 10 mA                                                                                     |                     |  |
| Leakage current            | ≤ 10 µA                                                                                     |                     |  |
| Switching frequency        | 1000                                                                                        |                     |  |
| Switching hysteresis       | ≤ 15 %                                                                                      |                     |  |
| Operating temperature      | -25 ° C to 70 ° C                                                                           |                     |  |
| Temperature drift          | < 10 %                                                                                      |                     |  |
| Repeat accuracy            | ≤ 2 %                                                                                       |                     |  |
| Switching state            | LED                                                                                         |                     |  |
| Digital output             |                                                                                             |                     |  |
| Short-circuit proof        | yes                                                                                         |                     |  |
| Overload protection        | yes                                                                                         |                     |  |
| Reverse voltage protection | yes                                                                                         |                     |  |
| Protection category        | IP67                                                                                        |                     |  |
| EMC-level                  | DIN EN 60947-5-2:2008                                                                       |                     |  |
| Housing material           | Stainless steel V2A                                                                         |                     |  |
| Material active face       | PA 6.6                                                                                      |                     |  |

**Errors and omissions exceptet**